



FIG. 1
OSI DIRECTORY PRODUCTS

3COM	1	0	1
ALCATEL TITN	1	1	1
BOLDON JAMES	1	0	1
BT	1	1	1
BRUNEL UNIVERSITY	1	0	1
CONTROL DATA SYSTEMS	~	1	1
CRAY RESEARCH	1	1	1
DATA CONNECTION	ო	1	2
DIGITAL	a	1	2
GPT	1	1	1
HEWLETT PACKARD	1	1	1
IBM	5	5	5
ICL	5	4	4
ISODE CONSORTIUM	1	1	1
MARBEN PRODUIT	2	2	2
MOTOROLA COMP GROUP	1	1	0
NCR	1	1	1
NEXOR	3	1	2
OISWARE	1	1	1
OLIVETTI	1	1	1
RETIX	1	1	1
SIEMENS NIXDORF	2	2	2
SOFTWARE KENETICS	1	1	1
STRATUS COMPUTER	2	2	2
TANDEM COMPUTERS	2	2	2
UNISYS	5	5	5
WANG	1	1	1
WOLLONGONG GROUP	2	2	2

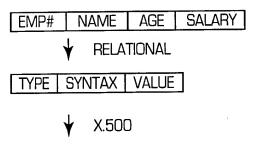
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN	t	

FIG. 2A

PRINCIPAL DESIGN

REPRESENTING X.500 IN A RDBMS

- DATA EXTENSIBILITY AND COMPLEXITY
- OBJECT ORIENTATED AND HIERARCHICAL



PROPERTY

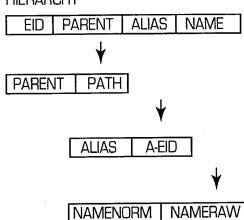
OBJECT	PARENT	TYPE	SYNTAX	VALUE
NAME	NAME			

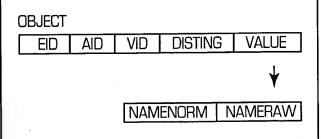
CONCEPTUAL DESIGN

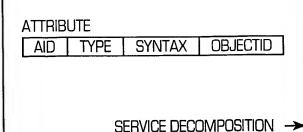
IMPLEMENTING X.500 IN A RDBMS

- ATTRIBUTES AND VALUES
- HIERARCHY AND NAMES
- ALIASES
- DATA TOLERANCE

HIERARCHY

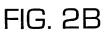






FUNCTIONAL DECOMPOSITION ->-

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

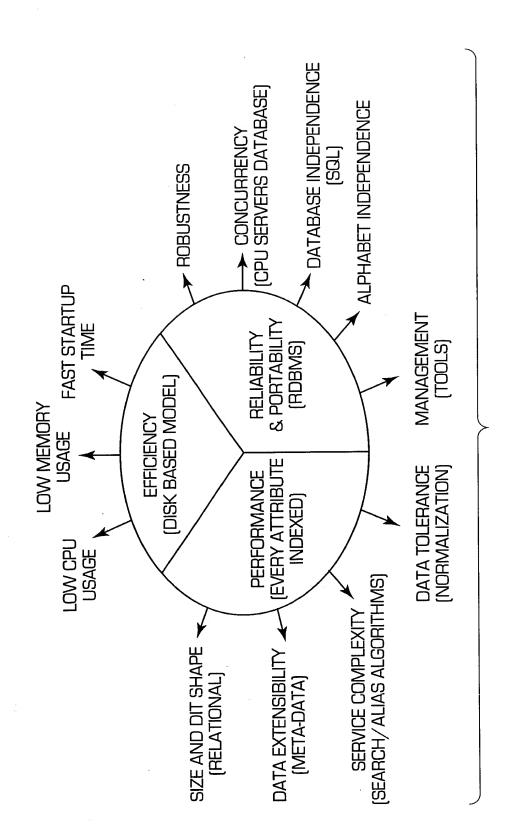


/ LOGICAL DESIGN	PHYSICAL DESIGN
PERFORMANCE ENHANCEMENTS FOR RDBMS - INDEXING OPTION - I/O CONSIDERATIONS - MANAGEMENT	REALIZING X.500 IN A RDBMS - EFFICIENCY - PORTABILITY - FUNCTIONAL EXTENSIBILITY
DIT	DIT
EID PARENT ALIAS RDN	EID PARENT RDNKEY RDN FLAGS
TREE	TREE
EID PATH	EID LEV1 LEV2 LEV3 LEV4 PATH FLAGS
ALIAS	ALIAS
EID A-EID	EID A-EID FLAGS
NAME	NAME
EID RAW	EID RAW FLAGS
	INFO
	MAXEID FLAGS
SEARCH	SEARCH
EID AID VID DISTING NORM	EID AID VID NORMKEY NORM FLAGS
ENTRY	ENTRY
EID AID VID RAW	EID AID VID RAW FLAGS
	SENTRY
	EID AID VID VALUE FLAGS
	BLOB ·
	EID AID VID VFRAG RAW FLAGS
ATTR	ATTR
AID SYX DESC OBJECTED	AID SYX DESC OBJECTID FLAGS
	OCLASS
	OCID DESC OBJE MUST MAY SUPER FLAGS
	CTID LIST LIST
DUVEICAL TRANSFORMATION -	

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FIG. 3



Wash Worth Worth Speed II II III





FIG. 4

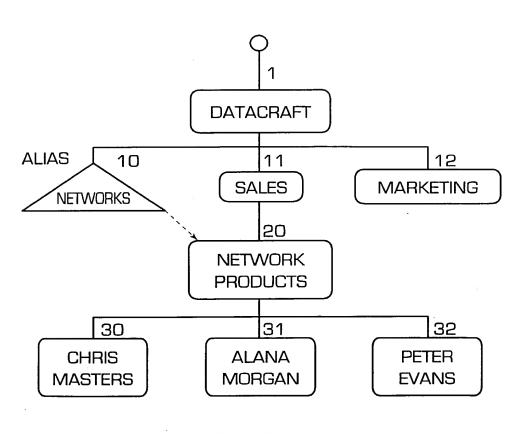
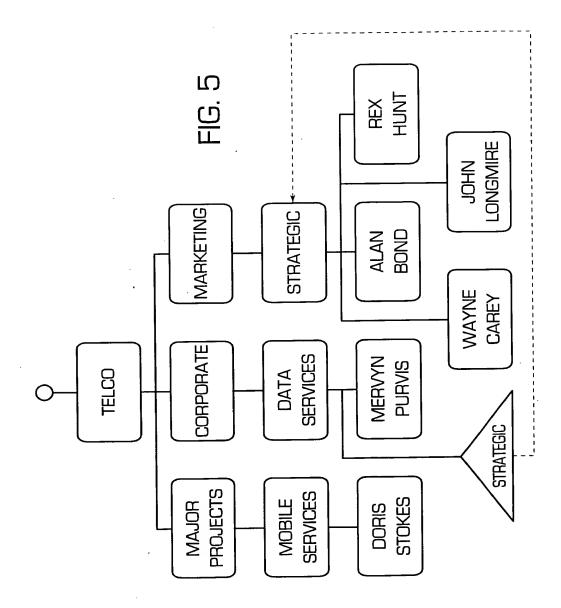


TABLE 3b/5a



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